Serial No. 09/034,415 Docket: 33808 F 009

LISTING OF CLAIMS

Claim 1 (Currently Amended): A water-removing dewetting composition, consisting essentially of a solution of between 0.01 and 0.5% by weight of at least one surface-active agent in a mixture of at least one fluorinated solvent and from 2% to 30% by weight of at least one water-immiscible polyfluorinated alcohol of formula:

$$R_f - (CH_2)_n - OH$$
 (I)

in which n is equal to 1 or 2 and R_f represents a linear or branched perfluoroalkyl radical containing from 4 to 8 carbon atoms,

wherein said composition does not exhibit a flash point under standard determination conditions (ASTM standard D 3828), and

further wherein the fluorinated solvent is a saturated or unsaturated fluorinated hydrocarbon containing from 3 to 6 carbon atoms selected from the group consisting of 1,1,1,3,3-pentafluorobutane, 1,1,1,2,2,4,4-heptafluorobutane, 1,1,1,2,3,4,4,5,5,5-decafluoropentane, 1,1,1,2,2,3,3,4,4-nonafluorohexane, 1H-perfluorohexane, n-perfluorohexane, (perfluorobutyl) ethylene and perfluoro (methylmorpholine);

further wherein the surface-active agent is a cationic surface-active agent obtained by reaction of a mono- or dialkylphosphoric acid of formula:

$$(RO)_p(HO)_{2-p}PO_2H$$
 (II)

in which p is a number ranging from 1 to 2 and R denotes a linear or branched alkyl radical containing from 1 to 18 carbon atoms, with a quaternary ammonium chloride of formula:

$$R'_2N^+R''_2Cl^-$$
 (III)

in which R' and R", which are identical or different, each represent a hydrogen atom or an alkyl or hydroxyalkyl radical containing 1 to 4 carbon atoms, and a fluorinated amine of formula:

$$R_f - X - NR^1R^2 \quad (IV)$$

in which R_f represents a linear perfluoroalkyl radical containing from 2 to 20 carbon atoms, X represents a divalent bridge and the symbols R^1 and R^2 , which are identical or different, each represent a hydrogen atom or an alkyl or hydroxyalkyl radical containing 1 to 4 carbon atoms.

Serial No. 09/034,415 Docket: 33808 F 009

Claim 2 (Previously Presented): The composition according to Claim 1, wherein the composition contains at least one alcohol of formula (I) in which n is equal to 2.

Claim 3 (Previously Presented): The composition according to Claim 1, wherein the alcohol of formula (I) is tridecafluorooctanol (C₆F₁₃CH₂CH₂OH).

Claim 4 (Previously Presented): The composition according to Claim 1, wherein the fluorinated solvent has a normal boiling point of between 20 and 100°C.

Claims 5-7 (Cancelled)

Claim 8 (Currently Amended): The composition according to Claim 7 1, wherein R is butyl, hexyl, 2-ethylhexyl, octyl or tridecyl radical, R' is a dodecyl or octadecyl radical, R" is a methyl radical, X is a -CH₂CH₂SO₂NHCH₂CH₂- or -C₂H₄CONHCH₂CH₂-bridge and R¹ and R² are methyl radicals.

Claims 9-10 (Cancelled)

Claim 11 (Previously Presented): The composition according to Claim 1, wherein said composition is in the form of a concentrate containing up to 30% by weight of surface-active agent(s).

Claim 12 (Previously Presented): The method for dewetting of solid surfaces comprising treating a solid surface with the composition of claim 1.

Claim 13 (Previously Presented): The composition according to Claim 4, wherein the boiling point of the fluorinated solvent is between 30 and 75°C.

Claim 14 (Previously Presented): The composition according to Claim 1, wherein the content of polyfluorinated alcohol(s) is from 2% to 5%.

Claim 15. (Previously Presented) The composition according to Claim 1, wherein the content of the surface-active agent(s) is between 0.04 and 0.2%.

Claim 16 (Currently Amended): A water-removing dewetting composition, consisting essentially of a solution of at least one surface-active agent in a mixture of at least one fluorinated solvent and from 2% to 30% by weight of at least one water-immiscible polyfluorinated alcohol of formula:

$$R_f - (CH_2)_n - OH$$
 (I)

in which n is equal to 1 or 2 and Rf represents a linear or branched perfluoroalkyl radical containing from 4 to 8 carbon atoms,

wherein the surface-active agent consists of a cationic surface-active agent obtained by reaction of a mono- or dialkyl phosphoric acid of formula:

$$(RO)_p(HO)_{2-p}PO_2H$$
 (II)

in which p is a number ranging from 1 to 2 and R denotes a linear or branched alkyl radical containing from 1 to 18 carbon atoms, with a quaternary ammonium chloride of formula:

in which R' and R", which are identical or different, each represent a hydrogen atoms or an alkyl or hydroxyalkyl radical containing 1 to 4 carbon atoms, and a fluorinated amine of formula:

$$R_f - X - NR^1R^2$$
 (IV)

in which R_f represents a linear perfluoroalkyl radical containing from 2 to 20 carbon atoms, X represents a divalent bridge and the symbols R^1 and R^2 , which are identical or different, each represent a hydrogen atom or an alkyl or hydroxyalkyl radical containing 1 to 4 carbon atoms;

Serial No. 09/034,415 Docket: 33808 F 009

further wherein said composition does not exhibit a flash point under standard determination conditions (ASTM standard D 3828), and <u>further</u> wherein the fluorinated solvent is a saturated or unsaturated fluorinated hydrocarbon containing from 3 to 6 carbon atoms selected from the group consisting of 1,1,1,3,3-pentafluorobutane, 1,1,1,2,2,4,4-heptafluorobutane, 1,1,1,2,3,4,4,5,5,5-decafluoropentane, 1,1,1,2,2,3,3,4,4-nonafluorohexane, 1H-perfluorohexane, n-perfluorohexane, (perfluorobutyl) ethylene and perfluoro (methylmorpholine).

Claims 17-18 (Cancelled)